



STIC Search Report

EIC 2100

STIC Database Tracking Number: 142549

TO: Michael B Holmes
Location: RND 5A49
Art Unit : 2121
Monday, January 24, 2005

Case Serial Number: 09/832901

From: David Holloway
Location: EIC 2100
Rnd- 4B19
Phone: 2-3528

David.Holloway@uspto.gov

Search Notes

Examiner Holmes:

Attached please find the search results for the above referenced case. Please let me know if you would like a refocused search or if you have any questions.

David

| Set | Items | Description |
|--|-------|--|
| S1 | 175 | AU=(MALONE D? OR MALONE, D?) |
| S2 | 16 | AU=(CAHILL T? OR CAHIL, T?) |
| S3 | 49 | AU=(STAFFORD G? OR STAFFORD, G?) |
| S4 | 23 | AU=(FORTUNE J? OR FORTUNE, J?) |
| S5 | 10 | AU=(COUGHLAN M? OR COUGHLAN, M?) |
| S6 | 3 | S1 AND S2 AND S3 AND S4 AND S5 |
| S7 | 5 | (S1 OR S2 OR S3 OR S4 OR S5) AND IC=G06F-015? |
| S8 | 2 | (S1 OR S2 OR S3 OR S4 OR S5) AND (MESSAG? OR EMAIL OR MAIL? OR TEXT?) (3N) (SORT? OR INDEX? OR CATALOG? OR CLASSIF? OR CAT-EGORI?) |
| S9 | 8 | S6 OR S7 OR S8 |
| S10 | 8 | IDPAT (sorted in duplicate/non-duplicate order) |
| S11 | 7 | IDPAT (primary/non-duplicate records only) |
| File 344:Chinese Patents Abs Aug 1985-2004/May (c) 2004 European Patent Office | | |
| File 347:JAPIO Nov 1976-2004/Aug(Updated 041203) (c) 2004 JPO & JAPIO | | |
| File 348:EUROPEAN PATENTS 1978-2005/Jan W02 (c) 2005 European Patent Office | | |
| File 349:PCT FULLTEXT 1979-2002/UB=20050113,UT=20050106 (c) 2005 WIPO/Univentio | | |
| File 350:Derwent WPIX 1963-2005/UD,UM &UP=200504 (c) 2005 Thomson Derwent | | |

11/5/3 (Item 3 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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015600403 **Image available**
WPI Acc No: 2003-662558/200362
XRPX Acc No: N03-528810

Provision of custom-engineered products involves receiving selection of unavailable product or attribute that requires engineering and/or testing before it may be produced

Patent Assignee: GOODE P A (GOOD-I); MALONE D L (MALO-I); POUS J (POUS-I); SCHUUR I T (SCHU-I)

Inventor: GOODE P A; MALONE D L ; POUS J; SCHUUR I T

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|--------------|------|----------|----------|
| US 20030135429 | A1 | 20030717 | US 200243856 | A | 20020111 | 200362 B |

Priority Applications (No Type Date): US 200243856 A 20020111

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|----------------|------|--------|-------------|--------------|
| US 20030135429 | A1 | 11 | G06F-015/16 | |

Abstract (Basic): US 20030135429 A1

NOVELTY - Custom-engineered products are provided by providing an online catalog having an unavailable product or attribute selector; and receiving a selection of an unavailable product or attribute that requires engineering and/or testing before it may be produced.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for:

(a) A method for providing available and unavailable products/attribute and for operating an associated computer system having a central processing unit (CPU); visual interface in communication with the CPU; memory in communication with the CPU; and a user interface selection device in communication with the CPU, by displaying a list of available products, stored in a memory of the computer system on a visual interface of the computer system; and providing an unavailable product/attribute selector in the computer system;

(b) A method for offering products by providing set of available product data records in a memory each containing a specification for an associated available product; providing a set of unavailable product data records in the memory each unavailable product data record containing a specification for an associated unavailable product; displaying the set of available product data records and the set of unavailable product data records on a visual display; and receiving an input, via a user interface selection devices of a user selection from the set of unavailable product data records; and

(c) A memory structure implemented in a computer system comprising a read/write memory device coupled to the computer system providing the memory structure; an available product list implemented in the read/write memory; an unavailable product/attribute selector implemented in the read/write memory allowing selection of products/attributes not currently available from a given provider.

USE - For providing custom-engineered products.

ADVANTAGE - The novel method satisfies a customer's need and improves its competitive position.

DESCRIPTION OF DRAWING(S) - The figure illustrates the above method for providing custom-engineered products.

pp; 11 DwgNo 3/8

Title Terms: PROVISION; CUSTOM; ENGINEERING; PRODUCT; RECEIVE; SELECT; UNAVAILABLE; PRODUCT; ATTRIBUTE; REQUIRE; ENGINEERING; TEST; PRODUCE

Derwent Class: T01
International Patent Class (Main): **G06F-015/16**
File Segment: EPI

11/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014189360 **Image available**

WPI Acc No: 2002-010057/200201

XRPX Acc No: N02-008405

**Messaging system for generating and transmitting marketing information
messages addressed to recipient contacts, has messaging engine which
sends generated content to responding recipient contact**

Patent Assignee: TWELVE HORSES TECHNOLOGY LTD (TWEL-N); CAHILL T (CAHI-I);
COUGHLAN M (COUG-I); FORTUNE J (FORT-I); MALONE D (MALO-I); STAFFORD G
(STAF-I)

Inventor: CAHILL T ; COUGHLAN M ; FORTUNE J ; MALONE D ; STAFFORD G

Number of Countries: 095 Number of Patents: 005

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| US 20010032240 | A1 | 20011018 | US 2001832901 | A | 20010412 | 200201 B |
| WO 200180105 | A2 | 20011025 | WO 2001IE48 | A | 20010412 | 200201 |
| IE 82034 | B3 | 20011226 | IE 2001363 | A | 20010412 | 200212 |
| AU 200148717 | A | 20011030 | AU 200148717 | A | 20010412 | 200219 |
| IE 82932 | B | 20030625 | IE 2001364 | A | 20010412 | 200348 |

Priority Applications (No Type Date): EP 2000650033 A 20000413

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

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|----------------|----|--|----|-------------|--|
| US 20010032240 | A1 | | 14 | G06F-013/00 | |
|----------------|----|--|----|-------------|--|

| | | | | | |
|--------------|----|---|--|-------------|--|
| WO 200180105 | A2 | E | | G06F-017/60 | |
|--------------|----|---|--|-------------|--|

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

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|----------|----|--|--|-------------|--|
| IE 82034 | B3 | | | G06F-013/00 | |
|----------|----|--|--|-------------|--|

| | | | | | |
|--------------|---|--|--|-------------|------------------------------|
| AU 200148717 | A | | | G06F-017/60 | Based on patent WO 200180105 |
|--------------|---|--|--|-------------|------------------------------|

| | | | | | |
|----------|---|--|--|-------------|--|
| IE 82932 | B | | | G06F-013/00 | |
|----------|---|--|--|-------------|--|

Abstract (Basic): US 20010032240 A1

NOVELTY - A response management section (22) monitors a response from recipient contact using links. A build engine (20) generates content for the responding recipient contact according to links used by the contact to respond. A messaging engine (21) sends the generated content to the responding recipient contact.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a message generating method;

(b) a computer program product.

USE - For generating and transmitting marketing information messages addressed to recipient contacts.

ADVANTAGE - Allows generation of content which is more relevant to the recipient without considerable time input from sender. Facilitates responding of recipient and tracking of responses.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic representation of messaging system.

Build engine (20)

Messaging engine (21)

Response management section (22)

pp; 14 DwgNo 1/5

Title Terms: MESSAGING; SYSTEM; GENERATE; TRANSMIT; MARKET; INFORMATION;
MESSAGE; ADDRESS; RECIPIENT; CONTACT; MESSAGING; ENGINE; SEND; GENERATE;

CONTENT; RESPOND; RECIPIENT; CONTACT
Derwent Class: T01
International Patent Class (Main): G06F-013/00; G06F-017/60
International Patent Class (Additional): G06F-015/16 ; H04L-012/58
File Segment: EPI

| Set | Items | Description |
|-----|---------|--|
| S1 | 249324 | (TEXT OR MESSAG? OR EMAIL? OR CONTENT? OR INFORMATION? OR LINK?) (3N) (SYSTEM? OR DISTRIBUTION? OR SERVER? OR DELIVER? OR SEND? OR RETRIEV?) |
| S2 | 287419 | HYPERLINK? OR HOTLINK? OR LINK? ? |
| S3 | 1906436 | SURVEY? OR INPUT OR REPLY? OR RESPONSE OR RESPOND? OR REPL-IE? OR ANSWER? OR FEEDBACK? |
| S4 | 360955 | RESEND? OR REDISTRIBUT? OR PUSH? OR RESEND? OR REDELIVER? |
| S5 | 3452995 | INDIVIDUAL? OR PERSONAL? OR CHARACTERIS? OR PREFER? OR INTERESTS OR SUBJECT? OR CONTENT? |
| S6 | 14 | S1 AND S2 AND S3 AND S4 AND S5 |
| S7 | 763 | S1 AND S4 AND S5 |
| S8 | 261 | S7, AND S3 |
| S9 | 46 | S7 AND S2 |
| S10 | 32750 | S1(5N)S5 |
| S11 | 92 | S8 AND S10 |
| S12 | 136 | S6 OR S9 OR S11 |
| S13 | 27 | S12 AND IC=G06F-015? |
| S14 | 27 | IDPAT (sorted in duplicate/non-duplicate order) |
| S15 | 26 | IDPAT (primary/non-duplicate records only) |

File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)
(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200504
(c) 2005 Thomson Derwent

15/5/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014978725 **Image available**
WPI Acc No: 2003-039239/200303
XRPX Acc No: N03-030625

Data object pushing method through cellular network, involves
transmitting original received response from network system replaced
with new content and message to user agent

Patent Assignee: NIRAGONGO INC (NIRA-N)
Inventor: KALISH D; KALISH Y
Number of Countries: 100 Number of Patents: 003
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| US 20020116472 | A1 | 20020822 | US 2001790006 | A | 20010220 | 200303 B |
| WO 200388064 | A1 | 20031023 | WO 2002IL290 | A | 20020411 | 200370 N |
| AU 2002307764 | A1 | 20031027 | AU 2002307764 | A | 20020411 | 200436 N |
| | | | WO 2002IL290 | A | 20020411 | |

Priority Applications (No Type Date): US 2001790006 A 20010220; WO
2002IL290 A 20020411; AU 2002307764 A 20020411

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

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|----------------|----|--|----|-------------|--|
| US 20020116472 | A1 | | 12 | G06F-015/16 | |
|----------------|----|--|----|-------------|--|

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|--------------|----|---|--|-------------|--|
| WO 200388064 | A1 | E | | G06F-015/16 | |
|--------------|----|---|--|-------------|--|

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU
ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

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|---------------|----|--|--|-------------|------------------------------|
| AU 2002307764 | A1 | | | G06F-015/16 | Based on patent WO 200388064 |
|---------------|----|--|--|-------------|------------------------------|

Abstract (Basic): US 20020116472 A1

NOVELTY - An identified user agent request for network page from
source server is forwarded to a network system, after identifying open
connections. The respective **response** from the network system is
received based on which the original **content** is replaced with new
content and message, and transmitted to user agent. The originally
received **response** and original **content** is transmitted to user
agent, upon user selection.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for data
object **pushing** system.

USE - For **pushing** data objects through cellular network and is
also applicable for computerized network communication such as
satellite, Bluetooth(RTM), etc.

ADVANTAGE - Reduces timelag of transferring the network page from
the prediction server to the user agent, if the user requests the
predicted network page whose **content** already exists in user agent
memory.

DESCRIPTION OF DRAWING(S) - The figure shows a general diagrammatic
representation of the data **contents pushing** method.

pp; 12 DwgNo 1/6

Title Terms: DATA; OBJECT; **PUSH** ; METHOD; THROUGH; CELLULAR; NETWORK;
TRANSMIT; ORIGINAL; RECEIVE; **RESPOND** ; NETWORK; SYSTEM; REPLACE; NEW;
CONTENT ; MESSAGE; USER; AGENT

Derwent Class: T01; W01; W02

International Patent Class (Main): G06F-015/16

File Segment: EPI

15/5/11 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014613502 **Image available**

WPI Acc No: 2002-434206/200246

Related WPI Acc No: 1997-457871; 2000-136772; 2001-397477; 2002-238062;

2002-266347; 2002-361210; 2002-361211; 2002-361263; 2002-403734;

2002-434467; 2002-478969; 2002-488603; 2003-480501; 2003-557701;

2003-597010; 2003-696077; 2003-746291; 2003-851497; 2004-246408

XRFX Acc No: N02-341719

Programming and online system services provision method involves
establishing communication path with online system information
provider without user interaction so that information is pushed to user
Patent Assignee: HIDARY J D (HIDA-I); SPIVACK N T (SPIV-I); ULLMAN C
(ULLM-I)

Inventor: HIDARY J D; SPIVACK N T; ULLMAN C

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|-------------|------|----------|----------|
| US 20020038383 | A1 | 20020328 | US 99472385 | A | 19991223 | 200246 B |

Priority Applications (No Type Date): US 99472385 A 19991223

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|----------------|------|-----|----|-------------|--------------|
| US 20020038383 | A1 | | 22 | G06F-017/00 | |

Abstract (Basic): US 20020038383 A1

NOVELTY - A programming signal containing video or audio program is received from a communication link e.g. internet. A communication path is automatically established with an online system information provider without user interaction, so that the information content provided by the information provider is pushed to the user.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for programming and online system service providing system.

USE - For combining broadcast television programming or video programming stored in VHS, CD-ROM, DVD, etc. with internet information to provide educational and entertainment information such as for displaying biographical information of an artist, concert schedule and goods related to an artist while broadcasting the music video, etc.

ADVANTAGE - Allows consumers/users to receive more information in a more efficient manner by combining broadcast television programming with internet. Since additional information is provided to consumers automatically, advertising is made more substantive, allowing consumers to make more informed choices. Supports analog and digital television broadcasts, without broadcasters or end-users having to alter their existing system, enabling broadcasters to reach a wide audience within a short time.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic diagram of system achieving integration of internet information with video content .

pp; 22 DwgNo 2/9

Title Terms: PROGRAM; SYSTEM; SERVICE; PROVISION; METHOD; ESTABLISH;
COMMUNICATE; PATH; SYSTEM; INFORMATION; USER; INTERACT; SO; INFORMATION;
PUSH ; USER

Derwent Class: T01; T03

International Patent Class (Main): G06F-017/00

International Patent Class (Additional): G06F-015/16 ; H04N-007/173

File Segment: EPI

15/5/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013741373 **Image available**
WPI Acc No: 2001-225603/200123
Related WPI Acc No: 2003-755671; 2004-601805
XRPX Acc No: N01-160189

Information **communication** system for live conference, has central
**agent with notice generator which generates notice selectively for one or
more receiving users**

Patent Assignee: GROUPTSERVE INC (GROU-N)
Inventor: ACHACOSO T B; SILBY D W
Number of Countries: 001 Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 6161149 | A | 20001212 | US 9841599 | A | 19980313 | 200123 B |

Priority Applications (No Type Date): US 9841599 A 19980313

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--------------|
| US 6161149 | A | 12 | G06F-013/38 | |

Abstract (Basic): US 6161149 A

NOVELTY - A **personal** computer (PC) which is capable of
communicating information is provided for each user of distributed
discussion group. A central agent has two-way **links** connecting PCs,
notice generator, notice sender and a central database storing
information **input** by users. The notice generator generates notice
selectively for one or more receiving users based on first information
input by an inputting user.

DETAILED DESCRIPTION - The central database stores first
information **input** from an inputting user directed to one or more
receiving users. The notice generator which is responsive to first
information **input**, **pushes** the notice to the notice sender. The
notice comprises a channel to a memory location of first information
input in the database. The notice sender responsive to the notice
pushed from the notice generator sends the notice selectively to the
personal computers of the receiving user who can access the **input**
directly using the channel in the **pushed** notice. The central database
further stores second and third information inputs from users in
response to first information **input** which is retained subsequently.
The notice generator and notice sender are operated in **response** to
second and third information inputs. An INDEPENDENT CLAIM is also
included for method of communicating information.

USE - For on-demand conference, live conference where users read
and post messages and files, publish and attend presentations and
lectures.

ADVANTAGE - Removes the need for **individuals** to gather to a
central location and takes the dynamic group information from the
center.

DESCRIPTION OF DRAWING(S) - The figure shows the flow charts for
asynchronous events in **information communication system**.

pp; 12 DwgNo 3A/5

Title Terms: INFORMATION; COMMUNICATE; SYSTEM; LIVE; CONFER; CENTRAL; AGENT
; NOTICE; GENERATOR; GENERATE; NOTICE; SELECT; ONE; MORE; RECEIVE; USER

Derwent Class: T01; W01; W04

International Patent Class (Main): G06F-013/38

International Patent Class (Additional): **G06F-015/167**

File Segment: EPI

15/5/15 (Item 15 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013698242 **Image available**
WPI Acc No: 2001-182466/200118
XRPX Acc No: N01-130295

Asynchronous message communication system for accessing web resources on internet, has request handler to receive request generated by client in response to which push message is sent to client by message generator

Patent Assignee: NOKIA CORP (OYNO); NOKIA INC (OYNO)

Inventor: SZONDY G; THRANE L

Number of Countries: 093 Number of Patents: 007

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|----------------|------|----------|----------|
| WO 200078005 | A2 | 20001221 | WO 2000US16359 | A | 20000614 | 200118 B |
| AU 200054885 | A | 20010102 | AU 200054885 | A | 20000614 | 200121 |
| EP 1192780 | A2 | 20020403 | EP 2000939869 | A | 20000614 | 200230 |
| | | | WO 2000US16359 | A | 20000614 | |
| CN 1370367 | A | 20020918 | CN 2000811590 | A | 20000614 | 200303 |
| JP 2003502912 | W | 20030121 | WO 2000US16359 | A | 20000614 | 200308 |
| | | | JP 2001504138 | A | 20000614 | |
| US 6708206 | B1 | 20040316 | US 99333640 | A | 19990615 | 200420 |
| | | | US 2000563970 | A | 20000503 | |
| US 6732150 | B1 | 20040504 | US 99333640 | A | 19990615 | 200430 |

Priority Applications (No Type Date): US 2000563970 A 20000503; US 99333640 A 19990615

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200078005 A2 E 36 H04L-029/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH
CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200054885 A Based on patent WO 200078005

EP 1192780 A2 E H04L-029/06 Based on patent WO 200078005

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

CN 1370367 A H04L-029/06

JP 2003502912 W 42 H04Q-007/38 Based on patent WO 200078005

US 6708206 B1 G06F-015/16 CIP of application US 99333640

US 6732150 B1 G06F-015/16

Abstract (Basic): WO 200078005 A2

NOVELTY - A request handler (28) is coupled to receive request generated by the client (12) for a **server indicated reply message**. A **push** message generator, in **response** to detection of requests by request handler, substitutes a **push message** for the **server initiated reply message**. The **push** message is sent through the communication path to the client.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Method to facilitate communication of asynchronous message upon communication path to the clients;

(b) Improved apparatus for the gateway, which provides an out-of-band messages to the client;

(c) Method of providing out-of-band message to client

USE - For communication of asynchronous out-of-band (OOB) message such as alerts, PIM notification, location based notification, paging service, **push** message during web resource accessing using portable mobile terminal.

ADVANTAGE - A wireless application protocol (WAP) compliance is provided to display out-of-band messages without the need for special hardware or software, either at a client or the origin server. Seamless operation with the use of existing client devices and **content**

providers-origin **servers** is possible. The **content** providers and service providers are able to create their **contents** and services without requiring to be aware of the operation of the method.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of communication system.

client (12)

Request handler (28)

pp; 36 DwgNo 1/7

Title Terms: ASYNCHRONOUS; MESSAGE; COMMUNICATE; SYSTEM; ACCESS; WEB;

RESOURCE; REQUEST; HANDLE; RECEIVE; REQUEST; GENERATE; CLIENT; **RESPOND** ;

PUSH ; MESSAGE; SEND; CLIENT; MESSAGE; GENERATOR

Derwent Class: W01; W02

International Patent Class (Main): **G06F-015/16** ; H04L-029/00; H04L-029/06;

H04Q-007/38

File Segment: EPI

| Set | Items | Description |
|-----|---------|--|
| S1 | 257063 | (NEWS OR ANNOUNCE? OR OUTLINE? OR PAGE? OR TEXT OR MESSAG? OR EMAIL? OR CONTENT? OR INFORMATION? OR LINK?) (3N) (SYSTEM? - OR DISTRIBUTION? OR SERVER? OR DELIVER? OR SEND? OR RETRIEV?) |
| S2 | 287419 | HYPERLINK? OR HOTLINK? OR LINK? ? |
| S3 | 1906436 | SURVEY? OR INPUT OR REPLY? OR RESPONSE OR RESPOND? OR REPL- IE? OR ANSWER? OR FEEDBACK? |
| S4 | 360955 | RESEND? OR REDISTRIBUT? OR PUSH? OR RESEND? OR REDELIVER? |
| S5 | 3452995 | INDIVIDUAL? OR PERSONAL? OR CHARACTERIS? OR PREFER? OR INT- ERESTS OR SUBJECT? OR CONTENT? |
| S6 | 99805 | (USER? OR MEMBER? OR INDIVIDUAL? OR PARTICIPANT? OR PERSON- ?) (3N) (PREFER? OR CHARACTER? OR BEHAVIOUR? OR BEHAVIOR? OR CH- OICE? OR SELECT? OR PATTERN?) |
| S7 | 23108 | S3 AND S6 |
| S8 | 2701 | S1 AND S7 |
| S9 | 201 | S2 AND S8 |
| S10 | 1 | S4 AND S9 |
| S11 | 42 | S8 AND S4 |
| S12 | 22 | S11 AND IC=(G06F-015? OR G06F-013? OR G06F-017?) |
| S13 | 22 | S10 OR S12 |
| S14 | 13 | S13 NOT AD>20010412 |
| S15 | 154659 | LEARN? OR NEURAL() (SYSTEM? OR NET OR NETS OR NETWORK?) OR - ANS OR TRAIN? |
| S16 | 0 | S11 AND S15 |
| S17 | 13 | S14 OR S16 |
| S18 | 13 | IDPAT (sorted in duplicate/non-duplicate order) |
| S19 | 12 | IDPAT (primary/non-duplicate records only) |

File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)
(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200504
(c) 2005 Thomson Derwent

19/5/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014042468 **Image available**

WPI Acc No: 2001-526681/200158

XRFX Acc No: N01-390733

Information providing method involves transmitting the specified and collected push information from a server to a client terminal as a reply

Patent Assignee: SQUARE KK (SQUA-N); SQUARE CO LTD (SQUA-N)

Inventor: KOKUBO K; NARITA K; SAKAGUCHI H

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| JP 2001202310 | A | 20010727 | JP 200012314 | A | 20000120 | 200158 B |
| US 20020019855 | A1 | 20020214 | US 2001764408 | A | 20010119 | 200214 |

Priority Applications (No Type Date): JP 200012314 A 20000120

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|----------------|------|-----|----|-------------|--------------|
| JP 2001202310 | A | | 12 | G06F-013/00 | |
| US 20020019855 | A1 | | | G06F-015/16 | |

Abstract (Basic): JP 2001202310 A

NOVELTY - The method involves transmitting the specified and collected push information from a server (2) to a client terminal (1) as a reply. The push information which is directly or indirectly related to an individual information is selected, when the individual information is received from the client terminal.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a recording medium;

(b) and an information providing system.

USE - Used for providing information useful to a user on-line.

ADVANTAGE - Enables providing useful information with suitable content to a user.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the information providing system. (Drawing includes non-English language text).

Client terminal (1)

Server (2)

pp; 12 DwgNo 1/8

Title Terms: INFORMATION; METHOD; TRANSMIT; SPECIFIED; COLLECT; PUSH ;
INFORMATION; SERVE; CLIENT; TERMINAL; REPLY

Derwent Class: T01

International Patent Class (Main): G06F-013/00 ; G06F-015/16

International Patent Class (Additional): G06F-003/00; G06F-003/14;

G06F-012/00; G06F-017/30

File Segment: EPI

19/5/10 (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06290695 **Image available**

USER ADAPTIVE INFORMATION DISTRIBUTION SYSTEM AND STORAGE MEDIUM IN
WHICH INFORMATION DISTRIBUTION PROGRAM IS RECORDED

PUB. NO.: 11-232287 [JP 11232287 A]
PUBLISHED: August 27, 1999 (19990827)
INVENTOR(s): HOSHIAI TADASHI
APPLICANT(s): FUJITSU LTD
APPL. NO.: 10-030188 [JP 9830188]
FILED: February 12, 1998 (19980212)
INTL CLASS: G06F-017/30 ; G06F-013/00 ; G06F-013/00 ; G09C-001/00;
H04L-009/32; H04L-012/54; H04L-012/58

ABSTRACT

PROBLEM TO BE SOLVED: To provide a user adaptive information distribution system to enable a user to selectively receive desired information in push type service.

SOLUTION: In the user adaptive information distribution system to be provided in a push type information distribution service system, a feature input means 111 to input information to indicate statistical features of document information to which access is made by the user as access features of the user in a client 104, a feature extracting means 112 to extract the statistical features for each piece of the document information stored in an information storage means 103, an evaluating means 113 to evaluate similarity between the document information to which access is made by the user and each of the document information to be distributed based on the access features of the user and an extraction result by the feature extracting means 112 and a distribution control means 114 to selectively offer the document information with high similarity to a distribution processing by a distributing means 102 according to an evaluation result by the evaluating means 113.

COPYRIGHT: (C)1999, JPO

| Set | Items | Description |
|--|---------|--|
| S1 | 257063 | (NEWS OR ANNOUNCE? OR OUTLINE? OR PAGE? OR TEXT OR MESSAG? OR EMAIL? OR CONTENT? OR INFORMATION? OR LINK?) (3N) (SYSTEM? - OR DISTRIBUTION? OR SERVER? OR DELIVER? OR SEND? OR RETRIEV?) |
| S2 | 287419 | HYPERLINK? OR HOTLINK? OR LINK? ? |
| S3 | 1906436 | SURVEY? OR INPUT OR REPLY? OR RESPONSE OR RESPOND? OR REPL- IE? OR ANSWER? OR FEEDBACK? |
| S4 | 360955 | RESEND? OR REDISTRIBUT? OR PUSH? OR RESEND? OR REDELIVER? |
| S5 | 3452995 | INDIVIDUAL? OR PERSONAL? OR CHARACTERIS? OR PREFER? OR INT- ERESTS OR SUBJECT? OR CONTENT? |
| S6 | 2790684 | EMAIL? OR MAIL? OR SEND? OR DELIVER? OR TRANSMIT? OR RECEI- V? |
| S7 | 462413 | S6(2N) (NEWS OR ANNOUNCE? OR OUTLINE? OR PAGE? OR TEXT? OR - MESSAG? OR CONTENT? OR INFORMATION? OR DATA) |
| S8 | 149629 | S3(2N) (MANAGE? OR ADMINIST? OR CONTROL?) |
| S9 | 356 | S7 AND S8 AND S2 |
| S10 | 3603612 | S5 OR PROFILE? |
| S11 | 122 | S9 AND S10 |
| S12 | 19 | S11 AND IC=G06F-015? |
| S13 | 6 | S11 AND MC=(T01-H07C1 OR T01-H07C5E OR T01-J05B4P OR T01-S- 03) |
| S14 | 21 | S12 OR S13 |
| S15 | 15 | S14 NOT AD>20010412 |
| S16 | 15 | IDPAT (sorted in duplicate/non-duplicate order) |
| S17 | 15 | IDPAT (primary/non-duplicate records only) |
| File 347:JAPIO Nov 1976-2004/Aug(Updated 041203) | | |
| (c) 2004 JPO & JAPIO | | |
| File 350:Derwent WPIX 1963-2005/UD,UM &UP=200504 | | |
| (c) 2005 Thomson Derwent | | |

17/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016507978 **Image available**
WPI Acc No: 2004-666258/200465
XRPX Acc No: N04-527513

Information output control system receives feedback from recipients regarding objects for receiving information from information source, and redetermines weight value for selecting objects during subsequent epoch accordingly

Patent Assignee: POPE I (POPE-I); SULLIVAN A (SULL-I)
Inventor: POPE I; SULLIVAN A
Number of Countries: 001 Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|------------|------|----------|-------------|------|----------|--------|---|
| US 6792412 | B1 | 20040914 | US 99241440 | A | 19990202 | 200465 | B |

Priority Applications (No Type Date): US 99241440 A 19990202

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|-------------|----------|--------------|
| US 6792412 | B1 | 24 | G06F-015/18 | | |

Abstract (Basic): US 6792412 B1

NOVELTY - A neural network module (26) selects the objects for receiving information from information sources (18), based on inputs and weight values. A server (20) provides the objects to recipients and receives feedback information during an epoch. The neural network module generates a rating value for each of the object, using feedback, for redetermining the weight values for selecting the objects during subsequent epoch.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) information output control method; and
- (2) computer readable recording medium storing information output control program.

USE - For controlling information output from information sources such as electronic mail provider, chat participant and/or web page link .

ADVANTAGE - Enhances the relevance of information which reaches the user and helps the users to find appropriate web pages through search engines and link directory pages, and provides improved chat discussions by reducing the amount of non-useful content .

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the information output control system.

information source (18)
server (20)
recipient system (22)
database (24)
neural network module (26)
pp; 24 DwgNo 1/14

Title Terms: INFORMATION; OUTPUT; CONTROL; SYSTEM; RECEIVE; FEEDBACK;
RECIPIENT; OBJECT; RECEIVE; INFORMATION; INFORMATION; SOURCE; WEIGHT;
VALUE; SELECT; OBJECT; SUBSEQUENT; ACCORD

Derwent Class: T01

International Patent Class (Main): G06F-015/18

International Patent Class (Additional): G06F-015/16 ; G06G-007/00

File Segment: EPI

17/5/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014189360 **Image available**
WPI Acc No: 2002-010057/200201
XRPX Acc No: N02-008405

Messaging system for generating and transmitting marketing information
messages addressed to recipient contacts, has messaging engine which
sends generated content to responding recipient contact

Patent Assignee: TWELVE HORSES TECHNOLOGY LTD (TWEL-N); CAHILL T (CAHI-I);
COUGHLAN M (COUG-I); FORTUNE J (FORT-I); MALONE D (MALO-I); STAFFORD G
(STAF-I)

Inventor: CAHILL T; COUGHLAN M; FORTUNE J; MALONE D; STAFFORD G

Number of Countries: 095 Number of Patents: 005

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| US 20010032240 | A1 | 20011018 | US 2001832901 | A | 20010412 | 200201 B |
| WO 200180105 | A2 | 20011025 | WO 2001IE48 | A | 20010412 | 200201 |
| IE 82034 | B3 | 20011226 | IE 2001363 | A | 20010412 | 200212 |
| AU 200148717 | A | 20011030 | AU 200148717 | A | 20010412 | 200219 |
| IE 82932 | B | 20030625 | IE 2001364 | A | 20010412 | 200348 |

Priority Applications (No Type Date): EP 2000650033 A 20000413

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

| | | | | | |
|----------------|----|--|----|-------------|--|
| US 20010032240 | A1 | | 14 | G06F-013/00 | |
|----------------|----|--|----|-------------|--|

| | | | | | |
|--------------|----|---|--|-------------|--|
| WO 200180105 | A2 | E | | G06F-017/60 | |
|--------------|----|---|--|-------------|--|

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

| | | | | | |
|----------|----|--|--|-------------|--|
| IE 82034 | B3 | | | G06F-013/00 | |
|----------|----|--|--|-------------|--|

| | | | | | |
|--------------|---|--|--|-------------|------------------------------|
| AU 200148717 | A | | | G06F-017/60 | Based on patent WO 200180105 |
|--------------|---|--|--|-------------|------------------------------|

| | | | | | |
|----------|---|--|--|-------------|--|
| IE 82932 | B | | | G06F-013/00 | |
|----------|---|--|--|-------------|--|

Abstract (Basic): US 20010032240 A1

NOVELTY - A **response management** section (22) monitors a
response from recipient contact using **links**. A build engine (20)
generates **content** for the responding recipient contact according to
links used by the contact to respond. A **messaging** engine (21) **sends**
the generated **content** to the responding recipient contact.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:

(a) a message generating method;

(b) a computer program product.

USE - For generating and **transmitting** marketing **information**
messages addressed to recipient contacts.

ADVANTAGE - Allows generation of **content** which is more relevant
to the recipient without considerable time input from sender.

Facilitates responding of recipient and tracking of responses.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic
representation of messaging system.

Build engine (20)

Messaging engine (21)

Response management section (22)

pp; 14 DwgNo 1/5

Title Terms: MESSAGING; SYSTEM; GENERATE; TRANSMIT; MARKET; INFORMATION;
MESSAGE; ADDRESS; RECIPIENT; CONTACT; MESSAGING; ENGINE; SEND; GENERATE;
CONTENT ; RESPOND; RECIPIENT; CONTACT

Derwent Class: T01

International Patent Class (Main): G06F-013/00; G06F-017/60

International Patent Class (Additional): **G06F-015/16** ; H04L-012/58

File Segment: EPI

| Set | Items | Description |
|------|-------------------------------------|--|
| S1 | 805128 | (NEWS OR ANNOUNCE? OR OUTLINE? OR PAGE? OR TEXT OR MESSAG? OR EMAIL? OR CONTENT? OR INFORMATION? OR LINK?) (3N) (SYSTEM? - OR DISTRIBUTION? OR SERVER? OR DELIVER? OR SEND? OR RETRIEV?) |
| S2 | 489729 | HYPERLINK? OR HOTLINK? OR LINK? ? |
| S3 | 4795338 | SURVEY? OR INPUT OR REPLY? OR RESPONSE OR RESPOND? OR REPL- IE? OR ANSWER? OR FEEDBACK? |
| S4 | 187978 | RESEND? OR REDISTRIBUT? OR PUSH? OR RESEND? OR REDELIVER? |
| S5 | 8137806 | INDIVIDUAL? OR PERSONAL? OR CHARACTERIS? OR PREFER? OR INT- ERESTS OR SUBJECT? OR CONTENT? |
| S6 | 207877 | (USER? OR MEMBER? OR INDIVIDUAL? OR PARTICIPANT?. OR PERSON- ?) (3N) (PREFER? OR CHARACTERIST? OR PROFIL? OR BEHAVIOUR? OR B- EHAVIOR? OR HISTORY OR CHOICE? OR SELECT? OR PATTERN?) |
| S7 | 23 | S1 AND S6 AND S3 AND S4 |
| S8 | 138 | S1 AND S6 AND S4 |
| S9 | 15 | S8 AND (TRAIN? OR LEARN? OR ANS OR NEURAL OR AI OR ARTIFIC- IAL() INTELLIGENCE) |
| S10 | 22 | S1 AND S2 AND S3 AND S4 AND S5 |
| S11 | 46 | S7 OR S9 OR S10 |
| S12 | 35 | RD (unique items) |
| S13 | 23 | S12 NOT PY>2001 |
| S14 | 23 | S13 NOT PD>20010412 |
| File | 8: Ei Compendex(R) | 1970-2005/Jan W2 (c) 2005 Elsevier Eng. Info. Inc. |
| File | 35: Dissertation Abs Online | 1861-2004/Dec (c) 2004 ProQuest Info&Learning |
| File | 65: Inside Conferences | 1993-2005/Jan W3 (c) 2005 BLDSC all rts. reserv. |
| File | 2: INSPEC | 1969-2005/Jan W2 (c) 2005 Institution of Electrical Engineers |
| File | 94: JICST-EPlus | 1985-2004/Dec W2 (c) 2005 Japan Science and Tech Corp (JST) |
| File | 111: TGG Natl. Newspaper Index (SM) | 1979-2005/Jan 19 (c) 2005 The Gale Group |
| File | 6: NTIS | 1964-2005/Jan W2 (c) 2005 NTIS, Intl Cpyrght All Rights Res |
| File | 144: Pascal | 1973-2005/Jan W2 (c) 2005 INIST/CNRS |
| File | 34: SciSearch (R) | Cited Ref Sci 1990-2005/Jan W3 (c) 2005 Inst for Sci Info |
| File | 99: Wilson Appl. Sci & Tech Abs | 1983-2004/Nov (c) 2004 The HW Wilson Co. |
| File | 95: TEME-Technology & Management | 1989-2004/Jun W1 (c) 2004 FIZ TECHNIK |

14/5/1 (Item 1 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

06385234 E.I. No: EIP03207472166

Title: Indexing and retrieval of multimedia objects at different levels of granularity

Author: Faudemay, Pascal; Durand, Gwenael; Seyrat, Claude; Tondre, Nicolas

Corporate Source: LIP6 University of Pierre et Marie Curie, 75255 Paris Cedex 05, France

Conference Title: Multimedia Storage and Archiving Systems III

Conference Location: Boston, MA, United States Conference Date: 19981102-19981104

Sponsor: SPIE

E.I. Conference No.: 60962

Source: Proceedings of SPIE - The International Society for Optical Engineering v 3527 1998. p 112-121

Publication Year: 1998

CODEN: PSISDG ISSN: 0277-786X

Language: English

Document Type: CA; (Conference Article) Treatment: T; (Theoretical)

Journal Announcement: 0305W4

Abstract: Intelligent access to multimedia databases for "naive user" should probably be based on queries formulation by "intelligent agents". These agents should "understand" the semantics of the contents, learn user preferences and deliver to the user a subset of the source contents, for further navigation. The goal of such systems should be to enable "zero-command" access to the contents, while keeping the freedom of choice of the user. Such systems should interpret multimedia contents in terms of multiple audiovisual objects (from video to visual or audio object), and on actions and scenarios. In our project we have developed a method for image segmentation into semantic objects, even in the case of still images. We use this method, and user-defined collections of such objects, to facilitate temporal segmentation of videos into multiple semantic granules from story and sequence to object, and to characterize stories contents. For this purpose, we also use audio information from selected parts of the video. Stories are characterized by a set of visual concepts and words, and semantic similarity between stories is evaluated based on information retrieval methods. The system learns user preferences, and incrementally builds a user profile, which is used to present relevant stories in appropriate order. This approach was used to build a mockup of a simple "push" engine, which is presently being experimented. 22 Refs.

Descriptors: *Multimedia systems; Content based retrieval; Indexing (of information); Semantics; Intelligent agents; Image segmentation;

Query languages; Learning systems

Identifiers: Audio-visual databases

Classification Codes:

723.5 (Computer Applications); 723.2 (Data Processing); 903.1 (Information Sources & Analysis); 903.2 (Information Dissemination); 723.4 (Artificial Intelligence); 723.3 (Database Systems)

723 (Computer Software, Data Handling & Applications); 903 (Information Science)

72 (COMPUTERS & DATA PROCESSING); 90 (ENGINEERING, GENERAL)

14/5/2 (Item 2 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
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05788342 E.I. No: EIP01025536847

Title: Intelligent information dissemination services in hybrid satellite-wireless networks

Author: Shek, Eddie C.; Dao, Son K.; Zhang, Yongguang; Van Buer, Darrel J.; Giuffrida, Giovanni

Corporate Source: HRL Lab, Malibu, CA, USA

Source: Mobile Networks and Applications v 5 n 4 Dec 2000. p 273-284

Publication Year: 2000

CODEN: 002498 ISSN: 1383-469X

Language: English

Document Type: JA; (Journal Article) Treatment: A; (Applications); G; (General Review)

Journal Announcement: 0103W4

Abstract: The need for rapid deployment and user mobility suggest the use of a hybrid satellite-wireless network infrastructure for important situation awareness and emergency **response** applications. An intelligent Information Dissemination Service (IIDS) has been developed to support the dissemination and maintenance of extended situation awareness throughout such a network information infrastructure in a seamless manner. One of the goals of IIDS is to transparently handle the mismatches in **characteristics** of satellite and terrestrial wireless networks, allow effective utilization of available bandwidth, and support timely **delivery** of highly relevant **information**. IIDS achieves the above by implementing **user profile** aggregation that incrementally aggregates users into communities sharing common **interests** to enable multicast-based information dissemination. Based on the **user** grouping, semantic **profile** matching customizes information streams based on matching **user** group interest **profiles**. By taking into account expected changes in **user profiles**, **profile**-oriented data dissemination achieves predictive **push** and caching that anticipates future user needs and minimizes latency of data request by making data available before they are explicitly requested. Finally, bandwidth-aware filtering adapts information streams to resource bandwidth availability to gracefully hide the bandwidth mismatch between the satellite and wireless **links** in the hybrid network infrastructure. The IIDS software has been deployed on the Digital Wireless Battlefield Network (DWBN) that integrates commercial off-the-shelf satellite and wireless products into a heterogeneous satellite/wireless hybrid network for supporting wireless mobile multimedia services. (Author abstract) 19 Refs.

Descriptors: *Mobile computing; Software engineering; Information services; Information dissemination; Data handling; Satellite communication systems; Wireless telecommunication systems; Bandwidth; Multicasting; User interfaces

Identifiers: Intelligent information dissemination services; Hybrid satellite wireless networks; User mobility; Terrestrial wireless networks; Digital wireless battlefield network; Commercial off-the-shelf satellite products; Commercial off-the-shelf wireless products; Wireless mobile multimedia services

Classification Codes:

655.2.1 (Communication Satellites)

723.1 (Computer Programming); 903.1 (Information Sources & Analysis);

723.2 (Data Processing); 655.2 (Satellites); 716.1 (Information & Communication Theory); 722.2 (Computer Peripheral Equipment)

723 (Computer Software); 903 (Information Science); 655 (Spacecraft); 716 (Radar, Radio & TV Electronic Equipment); 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING); 65 (AEROSPACE ENGINEERING); 71 (ELECTRONICS & COMMUNICATIONS)

14/5/6 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01628486 ORDER NO: AAD98-20651

INFORMATION DISSEMINATION THROUGH BROADCAST DELIVERY (PUSH , PULL,
SCHEDULING)

Author: SU, CHI-JIUN

Degree: PH.D.

Year: 1998

Corporate Source/Institution: POLYTECHNIC UNIVERSITY (0179)

Adviser: LEANDROS TASSIULAS

Source: VOLUME 59/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 359. 115 PAGES

Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL ; COMPUTER SCIENCE

Descriptor Codes: 0544; 0984

Broadcast delivery is becoming a method of choice for the distribution of information to a large user population in many new applications. One of the major issues in broadcast delivery is scheduling broadcast data such that the access delay of user's requests is minimized. The other complementary problem in push-based delivery is user's cache management in order to minimize the mismatch between the server's schedule and user's access pattern.

We formulate the problem of broadcast scheduling as a Markov Decision Process for both push-based and pull-based delivery and properties of the optimal scheduling policy are identified. We specify a class of near-optimal scheduling policies that incorporates some of the characteristics of the optimal policy and they turn out to yield good performance for both push- and pull-based delivery. The results are readily extended for a system with multiple broadcast channels and for information items of unequal length. We demonstrate by a numerical study that as the request generation rate increases, the achievable performance of the pull- and push-based systems becomes almost identical, and prove it for the case with equal access probabilities.

For push/pull hybrid delivery, we provide server's database partitioning, bandwidth allocation and scheduling algorithms and extensive numerical experiments are done to investigate their performance. The results are also extended for information items of unequal length.

We identify the optimal user's cache management strategy for push-based delivery, that minimize the mean response time of user's requests. Computational issues are also discussed and cache update policies with limited look-ahead are given as implementable approximation to the optimal policy. We present some interesting special cases for which limited look-ahead policies are optimal. It is also shown that the same formulation can be used when the objective is to minimize the number of deadline misses.

Finally, we consider the problem of joint broadcast scheduling and cache management for push-based delivery and propose an approach which yields up to 40% performance improvement over traditional non-joint schemes when prefetching is done at user's side. A two-level scheduling algorithm is given which remedies some pathological cases and performs slightly better than one-level schemes

14/5/9 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6603052 INSPEC Abstract Number: C2000-07-7250R-014

Title: User profile based personalized Web agent

Author(s): Young-Jun So; Young-Tack Park

Journal: Journal of KISS: Software and Applications vol.27, no.3 p. 248-56

Publisher: Korea Inf. Sci. Soc,

Publication Date: March 2000 **Country of Publication:** South Korea

CODEN: CKNBFV **ISSN:** 1229-6848

SICI: 1229-6848(200003)27:3L.248:UPBP;1-6

Material Identity Number: O848-2000-003

Language: Korean **Document Type:** Journal Paper (JP)

Treatment: Practical (P)

Abstract: We present a personalized Web agent that constructs a **user profile** which consists of **user preferences** on the Web and recommends his/her relevant information to the user. The personalized Web agent consists of a monitor agent, **user profile** construction agent, and **user profile** refinement agent. The monitor agent makes a **user** describe his/her **preferences** directly and it creates the database of preference documents. It finally performs several keyword extractions to increase the accuracy of the DB. The **user profile** construction agent transforms the extracted keywords into a **user profile** that could be confirmed and edited by the user. The refinement agent refines the **user profile** by recursively **learning** and processing **user feedback**. We describe the several keyword weighting and inductive **learning** techniques in detail. Finally, we describe the adaptive Web retrieval and **push** agents that perform adaptive services for the user. (12 Refs)

Subfile: C

Descriptors: information resources; **information retrieval** ; Internet; **learning** by example; software agents

Identifiers: keyword extractions; personalized Web agent; **user preferences** ; World Wide Web; monitor agent; **user profile** construction agent; **user profile** refinement agent; **user feedback** ; keyword weighting; inductive **learning** ; **push** agents; adaptive Web retrieval agents

Class Codes: C7250R (Information retrieval techniques); C7210N (Information networks); C6170K (Knowledge engineering techniques); C1230L (Learning in AI)

Copyright 2000, IEE

14/5/10 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6569252 INSPEC Abstract Number: C2000-06-7820-001

Title: Mobile audio distribution

Author(s): Bostrom, T.; Eliasson, S.; Lindtorp, P.; Moioli, F.; Nystrom, M.

Author Affiliation: R. Inst. of Technol., Stockholm, Sweden

Journal: Personal Technologies vol.3, no.4 p.166-72

Publisher: Springer-Verlag,

Publication Date: 1999 Country of Publication: UK

CODEN: PERTF2 ISSN: 0949-2054

SICI: 0949-2054(1999)3:4L.166:MAD;1-Y

Material Identity Number: H233-2000-002

U.S. Copyright Clearance Center Code: 0949-2054/99/\$2.00+0.20

Language: English Document Type: Journal Paper (JP)

Treatment: New Developments (N); Practical (P)

Abstract: This paper presents a new concept for future audio entertainment distribution. The idea is to make music a service, not a product. All the music in the world will be available to the users wherever they are with an enhanced mobile telephone. The system has **push** and **pull** services. The **push** services **send content** that suits the **users' profiles** to a device without any user interaction. Thus there are no real-time demands and content can be sent with low priority or scheduled for a period with spare capacity. The **pull** services require user interaction and need more bandwidth, since users expect a reasonable **response** time. This approach solves the extensive problems with copyright infringement. The content is encrypted and can only be accessed via a key. Since users will have access to unlimited music resources for a reasonable price, they will not bother to copy music illegally. (16 Refs)

Subfile: C

Descriptors: cellular radio; copyright; cryptography; entertainment; music; wireless LAN

Identifiers: mobile audio distribution; audio entertainment distribution; music; mobile telephone; **push** services; **user profiles**; user interaction; pull services; bandwidth; **response** time; copyright infringement; illegal copying; wireless LAN; cryptography

Class Codes: C7820 (Humanities computing); C6130S (Data security); C0230 (Economic, social and political aspects of computing); C5620L (Local area networks); C6150N (Distributed systems software)

Copyright 2000, IEE

14/5/11 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6545607 INSPEC Abstract Number: C2000-05-7250R-007

Title: **Self-adaptive user profiles for large-scale data delivery**
Author(s): Cetintemel, U.; Franklin, M.J.; Giles, C.L.
Author Affiliation: Dept. of Comput. Sci., Maryland Univ., MD, USA
Conference Title: Proceedings of 16th International Conference on Data Engineering (Cat. No.00CB37073) p.622-33
Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
Publication Date: 2000 Country of Publication: USA xxii+703 pp.
ISBN: 0 7695 0506 6 Material Identity Number: XX-2000-00609
U.S. Copyright Clearance Center Code: 0 7695 0506 6/2000/\$10.00
Conference Title: Proceedings 16th International Conference on Data Engineering
Conference Sponsor: IEEE Comput. Soc. Tech. Committee on Data Eng
Conference Date: 29 Feb.-3 March 2000 Conference Location: San Diego, CA, USA

Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)

Abstract: **Push** based data delivery requires knowledge of user interests for making scheduling, bandwidth allocation, and routing decisions. Such information is maintained as **user profiles**. We propose a novel incremental algorithm for constructing **user profiles** based on monitoring and user **feedback**. In contrast to earlier approaches, which typically represent profiles as a single weighted interest vector, we represent **user profiles** as multiple interest vectors, whose number, size, and elements change adaptively based on **user access behavior**. This flexible approach allows the profile to more accurately represent complex user interests. Although there has been significant research on **user profiles**, our approach is unique in that it can be tuned to trade-off profile complexity and quality. This feature, together with its incremental nature, makes our method suitable for use in large scale information filtering applications such as **push** based WWW page dissemination. We evaluate the method by experimentally investigating its ability to categorize WWW pages taken from Yahoo! categories. Our results show that the method can provide high filtering effectiveness with modest profile sizes and can effectively adapt to changes in users' interests. (28 Refs)

Subfile: C

Descriptors: document delivery; human factors; information resources; information retrieval ; user interfaces

Identifiers: self-adaptive **user profiles** ; large scale data delivery; **push** based data delivery; user interests; scheduling; bandwidth allocation ; routing decisions; **user profiles** ; incremental algorithm; user **feedback** ; single weighted interest vector; multiple interest vectors; **user access behavior** ; flexible approach; complex user interests; profile complexity; incremental nature; large scale information filtering applications; **push** based WWW page dissemination; Yahoo; filtering effectiveness; profile sizes

Class Codes: C7250R (Information retrieval techniques); C7220 (Generation, dissemination, and use of information); C7210N (Information networks); C6180 (User interfaces)

Copyright 2000, IEE

14/5/15 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
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2198481 NTIS Accession Number: ADA389315/XAB

**Intelligent Access to Large Knowledge Bases from Heterogeneous Devices
Using Multiple Protocols**

(Final rept. Apr 1998-Dec 2000)

Capraro, G. T. ; Berden, G. B.

Capraro Technologies, Inc., Utica, NY.

Corp. Source Codes: 114129000; 428576

Report No.: AFRL-IF-RS-TR-2001-32

Mar 2001 67p

Languages: English

Journal Announcement: USGRDR0118

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NTIS Prices: PC A05/MF A01

Country of Publication: United States

Contract No.: F30602-98-C-0171; 5581; 27

This report documents the results of an effort with an objective to demonstrate the feasibility of integrating **Artificial Intelligence (AI)** technology with web technology to bring very large data and knowledge bases to a hand-held computing device. A software architecture is provided consisting of three levels of intelligent software assistance, i.e. a **personal** assistant, a hardware assistant, and a structured query language (SQL) assistant. To demonstrate the software architecture a USAF Air Mobility Command operational problem domain is simulated to represent the large database from which military personnel want to gather information. A brief overview of the USAF Scientific Advisory Board's Joint Battlespace Infosphere (JBI) is presented with references of how the resultant software developed here instantiated portions of the JBI architecture. The software recognizes a **user profile** including their computer device and tailors the presentation of information the the user accordingly. the software architecture provides **push** and pull paradigms. The **user** may change their **profile** at any time and the system appropriately **responds**. A description and demonstration of the software are provided that show how one can access data via an http connection and through email.

Descriptors: *Tactical data systems; Computer programs; Data bases; Models; Demonstrations; Computer architecture; **Profiles** ; **User needs** ; Access; Heterogeneity; Knowledge based **systems** ; Microcomputers; Data **links** ; Internet; Hand held; Field equipment

Identifiers: *Protocols; *Heterogenous devices; Jbi(Joint battlespace infosphere); Sql(Structure query language); NTISDODXA

Section Headings: 62GE (Computers, Control, and Information Theory--General)

14/5/17 (Item 3 from file: 6)
DIALOG(R)File 6:NTIS
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1054039 NTIS Accession Number: DE83012416

Menu-Driven Interactive Data-Display-and-Monitoring System

Davidson, G. S. ; Kimball, K. B.
Sandia National Labs., Albuquerque, NM.
Corp. Source Codes: 068123000; 9511100
Sponsor: Department of Energy, Washington, DC.
Report No.: SAND-82-2943
May 83 28p

Languages: English

Journal Announcement: GRAI8323; NSA0800

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NTIS Prices: PC A03/MF A01

Country of Publication: United States

Contract No.: AC04-76DP00789

Sandia National Laboratories has fielded an extensive instrumentation system to collect and display data from large-scale oil-shale retorts. A great number of process and thermal measurements are recorded by the data-collection computer during these retort operations. Real-time access to this information by operators and analysts, who are at remote locations, is extremely beneficial. To provide access to a large number of displays showing data from an oil-shale retort, while minimizing system resource requirements, a menu-driven interactive video monitor system has been developed. This system has four independent video-display monitors multiplexed into one asynchronous serial computer output port and four telephone-type **push** button keypads multiplexed into one parallel **input** port. A **user selects**, from a menu, the information to be displayed on his monitor by pressing the keypad button corresponding to the desired menu item. The system decodes the station address and menu selection, assigns resources and executes the programs required to display the requested information on that monitor. Menu items can be easily added or deleted to suit the changing conditions making the system very flexible and adaptable to a wide variety of situations. (ERA citation 08:035217)

Descriptors: *Retorts; *Data Acquisition Systems; Oil Shales; Retorting; Data Acquisition; Data Processing; Display Devices

Identifiers: ERDA/040402; NTISDE

14/5/18 (Item 1 from file: 144)
DIALOG(R) File 144:Pascal
(c) 2005 INIST/CNRS. All rts. reserv.

15021728 PASCAL No.: 01-0178404

Evaluating a user-model based personalisation architecture for digital news services

Research and advanced technology for digital libraries : Lisbon, 18-20 September 2000

DIAZ ESTEBAN Alberto; GOMEZ-NAVARRO Pablo Gervas; GARCIA JIMENEZ Antonio BORBINHA Jose, ed; BAKER Thomas, ed

Departamento de Inteligencia Artificial, Escuela Superior de Informatica, Universidad Europea-CEES , Villaviciosa de Odon, Spain; Departamento de Periodismo Especializado, Facultad de Ciencias de la Informacion, Universidad Europea-CEES , Villaviciosa de Odon, Spain

ECDL 2000 : European conference on research and advanced technology for digital libraries, 4 (Lisbon PRT) 2000-09-18

Journal: Lecture notes in computer science, 2000, 1923 259-268

ISBN: 3-540-41023-6 ISSN: 0302-9743 Availability: INIST-16343;
354000092001070240

No. of Refs.: 11 ref.

Document Type: P (Serial); C (Conference Proceedings) ; A (Analytic)

Country of Publication: Germany; United States

Language: English

An architecture that provides personalised filtering and dissemination of news items is presented. It is based on **user profiles** and it provides mechanisms that allow the user to control and tailor to his own needs the interaction between three different sources of relevance judgements: the existing newspaper categorisation by sections, basic **information retrieval** on **user selected** keywords, and an additional operation of automatic categorisation against an alternative hierarchy of categories. These three tiers cover some of the most promising access methods for digital libraries. The proposed architecture has been implemented and evaluation results are presented, covering user **response** , system efficiency, and **user preferences** regarding the set of methods made available to them.

English Descriptors: Information service; World wide web; **Information** dissemination; Newspaper; **Information system** ; **System** description; Filter; Performance evaluation; Customization; **Push** technologie

French Descriptors: Service information; Reseau WWW; Diffusion **information** ; Journal; **Systeme information** ; Description **systeme** ; Filtre; Evaluation performance; Personnalisation; Technologie **Push**

| Set | Items | Description |
|--|----------|--|
| S1 | 4124958 | (NEWS OR ANNOUNCE? OR OUTLINE? OR PAGE? OR TEXT OR MESSAG? OR EMAIL? OR CONTENT? OR INFORMATION? OR LINK?) (3N) (SYSTEM? - OR DISTRIBUTION? OR SERVER? OR DELIVER? OR SEND? OR RETRIEV?) |
| S2 | 2777684 | HYPERLINK? OR HOTLINK? OR LINK? ? |
| S3 | 9054354 | SURVEY? OR INPUT OR REPLY? OR RESPONSE OR RESPOND? OR REPL- IE? OR ANSWER? OR FEEDBACK? |
| S4 | 2321960 | RESEND? OR REDISTRIBUT? OR PUSH? OR RESEND? OR REDELIVER? |
| S5 | 16030809 | INDIVIDUAL? OR PERSONAL? OR CHARACTERIS? OR PREFER? OR INT- ERESTS OR SUBJECT? OR CONTENT? |
| S6 | 435 | S1(3N)S2(3N)S4. |
| S7 | 87 | S2(10N)S5 AND S6 |
| S8 | 42 | S7 AND (REQUEST? OR MENU? OR SELECT? OR CHOOSE? OR CHOICE?) |
| S9 | 1 | S7 AND (NEURAL? OR AI OR ANS OR MACHINE()) (LEARN? OR TRAIN?-)) |
| S10 | 42 | S8 OR S9 |
| S11 | 19 | RD (unique items) |
| S12 | 43 | RD S7 (unique items) |
| S13 | 29 | S12 NOT PY>2000 |
| S14 | 29 | S13 NOT PD=20010412:20030412 |
| S15 | 29 | S14 NOT PD=20030412:20050129 |
| File 275:Gale Group Computer DB(TM) 1983-2005/Jan 24 (c) 2005 The Gale Group | | |
| File 47:Gale Group Magazine DB(TM) 1959-2005/Jan 21 (c) 2005 The Gale group | | |
| File 75:TGG Management Contents(R) 86-2005/Jan W3 (c) 2005 The Gale Group | | |
| File 636:Gale Group Newsletter DB(TM) 1987-2005/Jan 21 (c) 2005 The Gale Group | | |
| File 16:Gale Group PROMT(R) 1990-2005/Jan 21 (c) 2005 The Gale Group | | |
| File 624:McGraw-Hill Publications 1985-2005/Jan 21 (c) 2005 McGraw-Hill Co. Inc | | |
| File 484:Periodical Abs Plustext 1986-2005/Jan W3. (c) 2005 ProQuest | | |
| File 613:PR Newswire 1999-2005/Jan 24 (c) 2005 PR Newswire Association Inc | | |
| File 813:PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc | | |
| File 141:Readers Guide 1983-2004/Sep (c) 2004 The HW Wilson Co | | |
| File 370:Science 1996-1999/Jul W3 (c) 1999 AAAS | | |
| File 696:DIALOG Telecom. Newsletters 1995-2005/Jan 21 (c) 2005 The Dialog Corp. | | |
| File 553:Wilson Bus. Abs. FullText 1982-2004/Sep (c) 2004 The HW Wilson Co | | |
| File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jan 21 (c) 2005 The Gale Group | | |
| File 674:Computer News Fulltext 1989-2005/Jan W2 (c) 2005 IDG Communications | | |
| File 88:Gale Group Business A.R.T.S. 1976-2005/Jan 20 (c) 2005 The Gale Group | | |
| File 369:New Scientist 1994-2005/Jan W2 (c) 2005 Reed Business Information Ltd. | | |
| File 160:Gale Group PROMT(R) 1972-1989 (c) 1999 The Gale Group | | |
| File 635:Business Dateline(R) 1985-2005/Jan 22 (c) 2005 ProQuest Info&Learning | | |
| File 15:ABI/Inform(R) 1971-2005/Jan 22 (c) 2005 ProQuest Info&Learning | | |
| File 9:Business & Industry(R) Jul/1994-2005/Jan 21 (c) 2005 The Gale Group | | |
| File 13:BAMP 2005/Jan W3 (c) 2005 The Gale Group | | |
| File 810:Business Wire 1986-1999/Feb 28 (c) 1999 Business Wire | | |

File 610:Business Wire 1999-2005/Jan 24
 (c) 2005 Business Wire.
File 647:CMP Computer Fulltext 1988-2005/Jan W1
 (c) 2005 CMP Media, LLC
File 98:General Sci Abs/Full-Text 1984-2004/Sep
 (c) 2004 The HW Wilson Co.
File 148:Gale Group Trade & Industry DB 1976-2005/Jan 21
 (c)2005 The Gale Group
File 634:San Jose Mercury Jun 1985-2005/Jan 22
 (c) 2005 San Jose Mercury News
File 570:Gale Group MARS(R) 1984-2005/Jan 21
 (c) 2005 The Gale Group

15/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

02073963 SUPPLIER NUMBER: 19502667 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Push proprietarianism...and the platform agnostics of publishing. (the rise and fall of push technology) (includes related article on the automobile and telephone's influence on sexual behavior) (Internet/Web/Online Service Information)
Ratcliffe, Mitch
Digital Media, v6, n10, p10(9)
May, 1997
ISSN: 1056-7038 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 5287 LINE COUNT: 00418

... deliveries based on relevance and semantic connections in news and corporate documents. Basically, the Twisted **Links deliver** what Infrared and Technoscape do, but **push** the **content** out on a regular schedule.

Collectively, the KIVA, eChannel, NetDynamics and ContextMedia products are an...

15/3,K/2 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.

05303881 SUPPLIER NUMBER: 53657085 (USE FORMAT 7 OR 9 FOR FULL TEXT)
LEXIS-NEXIS Brings You the Universe.
Kassel, Amelia
Searcher, 7, 1, 71(1)
Jan, 1999
ISSN: 1070-4795 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 3847 LINE COUNT: 00305

... Subject line of each e-mail. F-mail delivered by Manning and Napier's DR- **Link system** about **push** technology, for example, contained the **Subject** line "DR- **LINK** : **push** technology."

Still another problem with e-mail delivery: LEXIS-NEXIS has an ongoing predilection to...

15/3,K/3 (Item 2 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.

05278993 SUPPLIER NUMBER: 53287060 (USE FORMAT 7 OR 9 FOR FULL TEXT)
So much push, so little time. (evaluation of the web-based push technology service NewBursts from Sun Microsystems Inc.)
Stanley, Robyn E.; Higgins, Christy Confetti
Information Outlook, 2, 11, 39(1)
Nov, 1998
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1613 LINE COUNT: 00143

... feedback.

Custom News Pages
NewsBursts' Custom News Pages covers services that allow users to create **personal** news web pages. This category currently includes **links** to six customizable services and will likely expand as more information providers offer this service...

...to forty percent of NewsPage's full-text articles.

Daily News Updates
Daily News Updates **links** to free current news services that use **push** technology to **send** daily **news** via e-mail. This is the largest NewsBursts category and has several sub-categories that...

15/3,K/4 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

03640787 Supplier Number: 47840184 (USE FORMAT 7 FOR FULLTEXT)
NEW ENTERPRISE CORPORATE REPORT DISTRIBUTION SOFTWARE FROM ACTUATE
Telecomworldwire, pN/A
July 17, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 144

... form of reports through channels to subscribing users throughout an enterprise. ReportCast ensures that corporate content is delivered to users by pushing report links to subscribers of Internet channels. Additionally, the product can create a web reporting site by...

15/3,K/5 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

03639957 Supplier Number: 47838588 (USE FORMAT 7 FOR FULLTEXT)
ACTUATE: Actuate introduces ReportCast, the first webcasting system for enterprise reporting
M2 Presswire, pN/A
July 16, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1180

... content with media, financial and other popular content.
ReportCast ensures that the delivery of corporate content far more sharply focussed on users' needs by pushing report links through Internet channels to users who have subscribed to those channels. ReportCast also creates a...

...ActiveX Document Server and a Java applet, LRXs bring powerful viewing, including a table of contents, searching, hypertext and hyperlinks to other reports or Web pages, to any browser.

REPORTCAST VITAL TO MONTGOMERY SECURITIES Montgomery...

15/3,K/6 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01247848 Supplier Number: 41305821 (USE FORMAT 7 FOR FULLTEXT)
INTEGRATORS PUSH OPEN NETWORK APPROACH TO LINK HOSPITAL SYSTEMS
--PART II OF II
Systems Integration Business & Marketing, v2, n5, pN/A
May, 1990
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 897

INTEGRATORS PUSH OPEN NETWORK APPROACH TO LINK HOSPITAL SYSTEMS
--PART II OF II

... said it will continue to integrate computer and communications technology. The company is pursuing network links and multi-vendor connectivity business.

DG has a Personal Computer Integration (DG/PCI) platform linking other vendors' personal computers and mainframes and DG departmental...

15/3,K/7 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

06853266 Supplier Number: 58057032 (USE FORMAT 7 FOR FULLTEXT)
LivePerson Readies Online Retailers For Busiest Holiday Season Yet.
Business Wire, p1483
Dec 7, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 938

... shoppers for ShopNow.com visitors.
Taking Web assistance to a new level with LivePerson, the **personal** shoppers **push** links and **send** images immediately **linking** to items available through ShopNow.com's merchant partners. Should a site visitor request an item not sold by a hosted vendor, ShopNow.com's **personal** shoppers will also search the Web and push the **link** of an outside source.
"The response regarding LivePerson's real-time dialogue has been overwhelmingly...

15/3,K/8 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

06094830 Supplier Number: 53642734 (USE FORMAT 7 FOR FULLTEXT)
Portals Proliferate -- New Tools Integrate Personal Interests. (from Tibco, Autonomy, DataChannel) (Product Announcement)
Hibbard, Justin
InformationWeek, p81(1)
Jan 25, 1999
Language: English Record Type: Fulltext
Article Type: Product Announcement
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 311

... Craig, TCN's CEO. "For us," he says, "the first issue is speed to market."

Personalized Portals

- * Portal-in-a-Box: Tags, categorizes, and **links** documents from multiple sources; lets users configure **personalized** portals
- * RIO **Server** : **Pushes** **content** from multiple sources to "channels" on one portal page; version 3.2 adds a Java...

15/3,K/9 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05720117 Supplier Number: 50194695
'People-movers' envisioned for Warwick, Providence.
DePaul, Tony
Providence Journal (RI), pA1
July 12, 1998
Language: English Record Type: Abstract
Article Type: Article
Document Type: Newspaper; Trade

ABSTRACT:

Raytheon Company is about to **push** for the futuristic "**Personal Rapid Transit**" (PRT) **systems** to **link** key public and private buildings in Providence, RI, and Warwick, RI. The PRT could cost...

15/3,K/10 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05508124 Supplier Number: 48346340 (USE FORMAT 7 FOR FULLTEXT)
Egghead.com and USA.NET Form Marketing Alliance

...rigid workflow."

Infodata plans to add similar extensions on the client side for imaging and **push** technologies later this year. The vendor will follow those releases with **links** on the **server** side to Lotus Notes and document management systems from Documentum Inc. (www.documentum.com) and ...

15/3,K/14 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05132973 Supplier Number: 47835620
Clarify Announces Support for Actuate ReportCast
PR Newswire, p0714SFM001
July 14, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 530

... efficient Internet report delivery to their customers, partners and employees.

Actuate's ReportCast focuses the **delivery** of corporate **content** and alleviates information overload by **pushing** report **links** through Internet channels to users who have subscribed to those channels. When new or updated...

15/3,K/15 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

0005136
THE NEW COMPUTER WAR: GUNNING FOR SALES IN THE MIDSIZE RANGE
Geoffrey C. Lewis in New York, with bureau reports
Business Week, Number 2903, Pg 96
July 15, 1985
JOURNAL CODE: BW
ISSN: 0007-7135
WORD COUNT: 2,609

TEXT:

... T computer systems marketing vice-president. "We're a little less encumbered." AT&T is **pushing** its midsize **systems** as ways to link other computers.

The changing role of the mini is also shifting the basis of competition ...be microcomputers and mainframes only."

But while many companies have been working on ways to link **personal** computers directly to mainframes, customers have been dissatisfied with the results. They complain of being...

15/3,K/16 (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
(c) 2005 The Dialog Corp. All rts. reserv.

00734701
Q&A With SmartRay's Troy Tyler
CableFAX
July 11, 2000 VOL: 11 ISSUE: 134 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: PHILLIPS BUSINESS INFORMATION

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...of SmartRay, which provides a network of free content to wireless users. The company pushes **personalized content** alerts and microbrowser **links** from over 35 **content** partners to pagers, cell phones and PDAs. Tyler is a Web veteran, formerly with early...the things SmartRay is going to do to help users get around that problem is **deliver** active **links** to microbrowser destinations within our **pushed content** saying if you want more information you can browse us for more. The lesson there...

15/3,K/17 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2005 The Gale Group. All rts. reserv.

05522255 SUPPLIER NUMBER: 64825214
Computing Surveys' Electronic Symposium on Hypertext and Hypermedia:
Editorial.
ASHMAN, HELEN; SIMPSON, ROSEMARY MICHELLE
ACM Computing Surveys, 31, 4, 325
Dec, 1999
ISSN: 0360-0300 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 5009 LINE COUNT: 00414

... have evolved. Finally, Lewis et al. (1999) look at the evolution of the creation of **links**, from point-to-point user-created **links** to **content**-based linking and concept-based linking.

THE FUTURE OF HYPERTEXT

Having looked at the origins...Open hypertext systems are a very powerful class of systems that provide hypertext. The key **characteristic** of most open hypertext systems is that they enable hypertext **links** to be used between different applications. For example, links frequently lead to Postscript documents, but...be due to different perceptions of the reader's purpose in accessing the hypertext.

The **personalized** view of data and **links** is becoming increasingly popular in today's "**push** technologies," **delivering** reader-specific **news** and advertisements according to some intelligent guess at the reader's preferences and purposes. One...

...This is a concept familiar from the use of CGI scripts, and is a primary **characteristic** of adaptive hypertext systems (De Bra et al. 1999).

CREATING **LINKS** WITH COMPUTATION, INFORMATION RETRIEVAL, AND QUERYING

Dynamically computing links is a broadly applicable technology, useful...

...since a computation is necessarily a description of the required document(s) according to its **characteristic** rather than by name. In this sense, **link** computation is a way of finding things in a large document collection. All of the...

15/3,K/18 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01764835 04-15826
Portals proliferate
Hibbard, Justin
Informationweek n718 PP: 81 Jan 25, 1999
ISSN: 8750-6874 JRNL CODE: IWK

offering more features for managing documents on intranets)
InternetWeek, p 28
September 15, 1997
DOCUMENT TYPE: Journal ISSN: 0746-8121 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 449

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...server that creates a central repository for documents, letting users access them from their browsers. **Individuals** can customize the file cabinets on their desktops by creating **links** to the documents using unique drawers, folders and document names.

Virtual File Cabinet is one...

TEXT:

...server that creates a central repository for documents, letting users access them from their browsers. **Individuals** can customize the file cabinets on their desktops by creating **links** to the documents using unique drawers, folders and document names.

Virtual File Cabinet is one...

...rigid workflow."

Infodata plans to add similar extensions on the client side for imaging and **push** technologies later this year. The vendor will follow those releases with **links** on the **server** side to Lotus Notes and document management systems from Documentum Inc. (www.documentum.com) and...

15/3,K/22 (Item 1 from file: 13)
DIALOG(R)File 13:BAMP
(c) 2005 The Gale Group. All rts. reserv.

1048493 Supplier Number: 01071173 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Making Push Work for You (Part 3 of 3 parts)

(NETdelivery's NETdelivery is a sleeper favorite, requiring only 695 KB to download. Its small size however, belies its big-time features)

Article Author(s): Karpinski, Richard; Santalessa, Rich

NetGuide Magazine, v 4, n 6, p 88-95

June 1997

DOCUMENT TYPE: Journal; Guideline ISSN: 1078-4632 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2467

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...slaps its interface into your browser window; subscribed channels run down the left column and **individual** channel-update **links** run down the right. Although Communicator eschews flash, **individual** channels can call upon anything the Web offers, from Shockwave and Java to RealVideo and...

...stock info (linking directly to any online trading accounts you may have). With AirMedia's **Personal** Portfolio software, you can monitor stocks and mutual funds and **link** to Quote.com for additional information.

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